



VICINITY MAP
"NOT TO SCALE"

SOUNDING COLOR LEGEND

- DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH
- 18.0 PROJECT DEPTH

LEGEND OF SYMBOLS

17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING
417	CHANNEL CORNER
H.L.F.	HARBOR LINE CORNER
---	FEDERAL CHANNEL
---	HARBOR LINE
---	SUBMARINE CABLE
⬮	CAN BUOY
⬮	NUN BUOY
⬮	LIGHTED BUOY
⬮	FIXED LIGHT
⬮	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Iso	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SITE SPECIFIC NOTES:

- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 243.3 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 NEW YORK STATE PLANE COORDINATE SYSTEM—WEST ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON MAY 6, 2015 USING:
GPS POSITIONING, POS—MV VER.5 AND RTK TIDES
SONAR HEAD: 400 KHZ, R2 SONIC 2024 MULTIBEAM
0.5 DEGREE BEAMS 150 DEGREE ARC
HEAVE PITCH AND ROLL; APPLANIX POS—MV VER. 5
VELOCITY PROFILER; SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH "WITMER"
- THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
- THE TOPOGRAPHIC INFORMATION IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

POINT	NORTHING	EASTING
400	1182951.52	1429607.20
402	1181530.03	1428186.14
404	1181297.20	1427953.40
406	1178975.47	1427953.62
408	1177257.62	1427474.65
409	1177286.01	1427378.77
407	1178889.96	1427853.62
1010	1179928.22	1427853.47
1012	1179958.07	1427812.50
1014	1179932.16	1427637.40
1015	1180130.00	1427608.12
1013	1180159.21	1427805.44
1011	1180228.02	1427854.72
405	1181338.61	1427853.39
403	1181600.73	1428115.42
401	1183022.22	1429536.48



Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by:	KRL
Checked by:	ACK
Reviewed by:	Ronan H. Fieger III PLS
Chief, Survey Section	
Approved by:	Edward F. Gworecki
Chief, NY/PA Navigation and Maintenance Section	
Date:	JULY 21, 2015

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

IRONDEQUOIT BAY, NY
PROJECT CONDITIONS SOUNDINGS 2015

Sheet
reference
number
VH-101
Sheet 1 of 1

SCALE: 1" = 200'